

FORT CAMPBELL ENVIRONMENTAL HANDBOOK

Guidance and Instructions

BATTERY TURN-IN PROCEDURES

1. Purpose and Scope:

The PWBC Environmental Division's Pollution Prevention Operation's Center (PPOC) is responsible for receiving all DOD-generated batteries, except for lead acid batteries, for ultimate disposition through a contract administered by the local DRMO. All lead acid batteries will be turned in directly by appointment to your unit's battery exchange program or to DRMO for recycling. Lead acid batteries that have been damaged or are leaking will need to be over packed in plastic drums issued by the PPOC before turn-in to DRMO. Battery electrolyte should not be drained from the battery.

2. Segregation and Characterization:

Batteries become Universal Waste when damaged, expired, re-called, exhausted or no longer wanted by unit or activity. All batteries differ by NSN, size, color, shape and most importantly characterized by type. All batteries characterized by the same type can all be accumulated together in an approved Satellite Accumulation Point up to 6 months (up to 55 gallons) in the same container regardless of NSN, shape or size. (See Tab 11: SAP Operations-Environmental Quality Officer's Handbook)

Battery types are listed as follows; Lithium, Mercury, Nickel Cadmium (wet or dry), Magnesium, Silver-zinc Alkali, Nickel Metal Hydride. All Alkaline commercial type batteries in sizes (A, AA, AAA, C, D and 9 volt) shall be discarded into the solid waste stream. The only Alkaline type battery that will be accumulated in the SAP is the Duracell brand battery that is identified on Attachment 1. All the characterized batteries listed above will be turned into the PPOC. PPOC personnel will perform any discharge procedures required for the disposition of Lithium batteries having a Capacitive Discharge Device (CDD). Unit personnel will not perform any discharge procedures. It is ultimately the responsibility of the unit's Environmental Quality Officer (EQO) and First Line Supervisors to assure batteries are being properly segregated.

(See attachment 1: for assistance in determining batteries by type and batteries re-called by CECOM to dispose of due to the risk of damage to equipment and (or) injuries to personnel.

Supply Status: Currently, all batteries are considered expendable items within the installation supply system.

3. Turn-in Instructions:

The PPOC will receive all batteries except for Lead Acid batteries. All Lead Acid batteries will be turned in to DRMO. All batteries must be accumulated in an approved Satellite Accumulation Point (SAP) in DOT approved containers provided by the PPOC only. All batteries must be removed from any packaging provided and packaging will be discarded appropriately. SAP locations that turn in batteries must assure the fill date is on the container being turned in and the all the appropriate information completed (i.e. battery characterization and count of each, NSN, part numbers or BA numbers) on the SAP Waste Turn-In Log prior to turn-in at the PPOC. (See Tab-11: SAP Operations and Procedures for requirement and examples) The PPOC's hours of operation are Monday through Friday from 0700 to 1530 hours except on holidays. A pick up request or direct delivery turn-in by the unit may be made by calling the PPOC at 798-9790 at least 24 hours in advance of turn-in. All batteries to be picked up by PPOC personnel must be located for easy access. All turn-ins being conducted at the PPOC will be scheduled from 0730 to 1130 hours unless otherwise notified.

4. Responsibilities:

EQO's:

- a. Will ensure all personnel handling batteries for turn in are properly trained in SAP procedures.
- b. Will ensure that compliance is maintained in their Satellite Accumulation Points (SAP).
- c. Inspect all SAP sites to ensure all regulatory requirements are in compliance IAW Tab-11 of the EQO Handbook.
- d. Will be the point of contact in the unit for environmental issues.

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Unit:

Commo Section and unit personnel WILL NOT DISCHARGE BATTERIES.

- a. Ensure all SAP requirements and PPOC turn-in procedures are complied with prior to turn-in or pick-up.
- b. Make appointments for turn-ins at the PPOC by calling 798-9790 at least 24 hours in advance.
- c. Batteries may be delivered to PPOC from field exercises, provided a 24-hour advance appointment has been made.
- d. Batteries in quantities greater than 100 will be delivered to PPOC at Building 5132 at 3rd and Wickham.
- e. Used batteries in quantities of less than 100 may request pick-up at the unit.
- f. Units must have batteries accessible for pick-up if requesting on site pick up of less than 100 batteries.
- g. Point of contact must be available to assist crew when unit requests a pick up at the unit.
- h. Contact the PPOC if there are any questions to the appropriate disposal requirements of any type batteries.

PPOC:

- a. Will check batteries for serviceability and activate the CDD
- b. Will keep a log sheet of received batteries and types.
- c. Log sheet will accompany turn-ins of batteries to DRMO.
- d. Batteries will be packaged in DOT approved containers prior to turn-in to DRMO.
- e. Once all requirements are met, the technician will complete the unit's SAP Waste Turn-in Log to complete the compliance requirements.

DRMO:

- a. Will accept batteries from the PPOC for appropriate handling through the approved recycling contractors.
- b. Will maintain appropriate records as required by the installation.

6. Additional Guidance:

For technical advice, you may call 798-9790 or 798-9076. If you get the voice mail, please leave a detailed message concerning your call and a technician will return your call. This guidance and instruction will be placed under Tab 11 (Battery Turn-In Procedures) of the Environmental Quality Officer's Handbook.

The following NSN list is to assist in determining battery types and identify re-called batteries identified by CECOM.

Lithium batteries

BA-5093-6135-01-216-9771

BA-5112-6135-01-235-4168

BA-5123-6135-01-351-1131

BA-5372-6135-01-214-6441

BA-5557-6135-01-088-2708

BA-5567-6135-01-090-5365

BA-5588-6135-01-088-2708

Mercury batteries

MG-803-6135-01-094-6536 (Same as BA-1588)

BA-1006-6135-00-299-6918

BA-1094-6135-00-010-5255

BA-1100-6135-00-926-0827

BA-1111-6135-00-935-8769

BA-1312-6135-00-269-5843

BA-1318-6135-00-295-2619

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BA-5590-6135-01-036-3495	BA-1328-6135-00-274-4035
BA-5598-6135-01-034-2239	BA-1372-6135-00-801-3493
BA-5599-6135-01-069-2239	BA-1389-6135-00-961-3603
BA-5600-6135-01-168-2944	BA-1391-6135-00-935-2532
BA-5800-6135-99-760-9742	BA-1396-6135-00-935-2533
BA-5800-6135-01-362-1368	BA-1567-6135-00-485-7402
BA-5847-6135-01-090-5364	BA-1568-6135-00-838-0706
LS-6-6135-01-301-8776	BA-1574-6135-00-073-8939
BR-2/3-6135-01-308-5688	BA-1588-6135-01-094-6536
K123LA	BA-1844-6135-00-461-3590
	BA-1875-6135-01-185-3614
	BA-3517-6135-00-450-3528 (Duracell)

Alkaline batteries (containing mercury)

BA-414-6135-00-125-5256

BA-3517-6135-00-450-3528 (Battery Assemblers)

BA-3517-6135-01-110-3516 (Bren-Tronics)

BA-3517-6135-00-125-5256 (Battery Assemblers)

Recalled batteries (designated by CECOM)

BA-5800/U, Battery, Non-Rechargeable, Lithium Sulfur Dioxide, NSN: 6665-99-760-9742,
Manufactured by (Ballard), Under contract DAAB07-90-C-C024.

BA-5800/U, Battery, Non-Rechargeable, Lithium Sulfur Dioxide, NSN: 6665-99-760-9742,
Manufactured by (Cropton Eternacell), Under contract DAAB07-91-C-R014.

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BA-5590/U, Battery, Non-Rechargeable, Lithium Sulfur Dioxide, NSN: 6135-01-036-3495,
Manufactured by (SAFT America), Under contract DAAB07-88-C-C045.

BA-5590/U, Battery, Non-Rechargeable, Lithium Sulfur Dioxide, NSN: 6135-01-036-3495,
Manufactured by (SAFT America), Under contract DAAB07-90-C-C020.

BA-5590/U, Battery, Non-Rechargeable, Lithium Sulfur Dioxide, NSN: 6135-01-435-3097,
Manufactured by (SAFT America), Under contract DAAB07-90-C-C020 and preconditioned.